

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. – 26. (cancelled)

27. (new) A self-adhesive active ingredient containing matrix patch comprising an absorbent, self-adhesive polyurethane matrix having a first side intended for skin or wound contact and a second side opposite the first side and an active ingredient which has been applied in dissolved or liquid form to the first side of the polyurethane matrix, wherein the first side of the polyurethane matrix remains adhesive after application of the active ingredient.

28. (new) The patch of claim 27, wherein the first side of the matrix substantially retains its original adhesive strength after application of the active ingredient.

29. (new) The patch of claim 27, wherein the polyurethane comprises a polyurethane gel made from one or more polyetherpolyols having 2 to 6 hydroxyl groups and OH numbers of from 20 to 112 and an ethylene oxide content of ≥ 10 % by weight and from hexamethylene diisocyanate.

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30. (new) The patch of claim 27, wherein the matrix comprises a foamed polyurethane.

31. (new) The patch of claim 27, wherein the matrix comprises an unfoamed polyurethane.

32. (new) The patch of claim 27, wherein the matrix comprises a superabsorbent.

33. (new) The patch of claim 27, wherein the active ingredient comprises at least one of dexpanthenol, ibuprofen, salicylic acid, lidocaine, menthol and nonivamide.

34. (new) The patch of claim 33, wherein the active ingredient comprises dexpanthenol.

35. (new) The patch of claim 27, wherein the active ingredient comprises an essential oil.

36. (new) The patch of claim 27, wherein the matrix comprises from 2 % to 10 % by weight of active ingredient.

37. (new) The patch of claim 27, wherein the matrix comprises one or more permeation-promoting substances.

38. (new) The patch of claim 37, wherein the one or more permeation-promoting

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substances comprise at least one of decyl oleate, isopropyl myristate, isopropyl palmitate and 2-octyldodecanol.

39. (new) The patch of claim 27, wherein the matrix has a thickness of from 10 to 3,000 μm .

40. (new) A self-adhesive active ingredient containing matrix patch comprising an absorbent, self-adhesive matrix having a first side intended for skin or wound contact and a second side opposite the first side and an active ingredient which has been applied in dissolved or liquid form to the first side of the polyurethane matrix, wherein the first side of the matrix substantially retains its original adhesive strength after application of the active ingredient.

41. (new) The patch of claim 40, wherein the matrix comprises a foamed polyurethane.

42. (new) The patch of claim 40, wherein the matrix comprises an unfoamed polyurethane.

43. (new) The patch of claim 40, wherein the active ingredient comprises at least one of dexpanthenol, ibuprofen, salicylic acid, lidocaine, menthol and nonivamide.

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44. (new) The patch of claim 27, wherein the matrix comprises from 2 % to 10 % by weight of active ingredient.

45. (new) A method of making an active ingredient containing self-adhesive matrix patch, which method comprises applying an active ingredient in dissolved or liquid form to a first side of an absorbent, self-adhesive matrix which has a first side intended for skin or wound contact and a second side opposite the first side, wherein the first side of the matrix remains adhesive even after application of the active ingredient.

46. (new) The method of claim 45, wherein the first side of the matrix substantially retains its original adhesive strength after application of the active ingredient.

47. (new) The method of claim 45, wherein the matrix comprises a polyurethane.

48. (new) The method of claim 45, wherein the active ingredient is applied by a printing process.

49. (new) The method of claim 48, wherein the printing process comprises a flexographic printing process.

50. (new) The method of claim 48, wherein the printing process comprises a screen printing process.

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51. (new) The method of claim 45, wherein the active ingredient is applied by a contactless spraying process.

52. (new) The method of claim 45, wherein the active ingredient dissolved in a solvent is applied to the first side of the matrix and none or only a portion of the solvent is evaporated such that at least a portion of the solvent remains in the matrix.

53. (new) The method of claim 45, wherein the active ingredient comprises at least one of dexpanthenol, ibuprofen, salicylic acid, lidocaine, menthol and nonivamide.

54. (new) The method of claim 45, wherein the active ingredient is applied in an amount which results in a concentration of the active ingredient in the matrix of from 2 % to 10 % by weight.

55. (new) The method of claim 46, wherein the matrix comprises a polyurethane and the active ingredient comprises at least one of dexpanthenol, ibuprofen, salicylic acid, lidocaine, menthol and nonivamide and is applied by a printing or contactless spraying process in an amount which results in a concentration of the active ingredient in the matrix of from 2 % to 10 % by weight.